

## CHAPTER 3

**Rigging Milk-Dispensing Containers**

## Section I

**RIGGING EIGHT MILK-DISPENSING CONTAINERS IN AN A-21 CARGO BAG****3-1. Description of Load**

The 6-gallon milk-dispensing container is used as an expandable container for potable water. It is made up of a fiberboard box and a plastic bag insert. Eight containers are rigged in an A-21 cargo bag. Each cargo bag can be rigged for drop from a door, ramp, or wedge. The A-21 cargo bag uses either one

G-13 or one G-14 cargo parachute and a skid and honeycomb kit.

**3-2. Preparing Containers**

Prepare eight milk-dispensing containers as shown in figure 3-1.

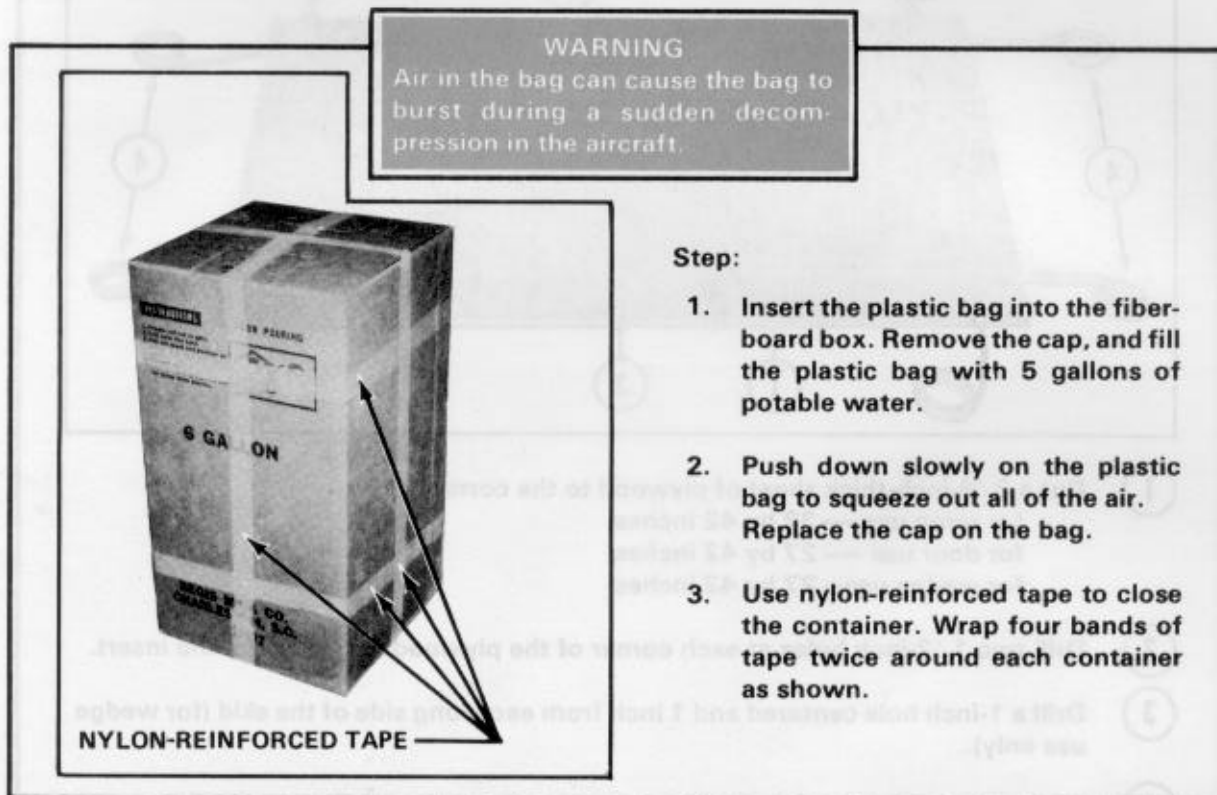


Figure 3-1. Milk-dispensing container prepared.

### 3-3. Rigging Load

Rig eight water containers in an A-21 cargo bag as shown in figures 3-2, 3-3, and 3-4.

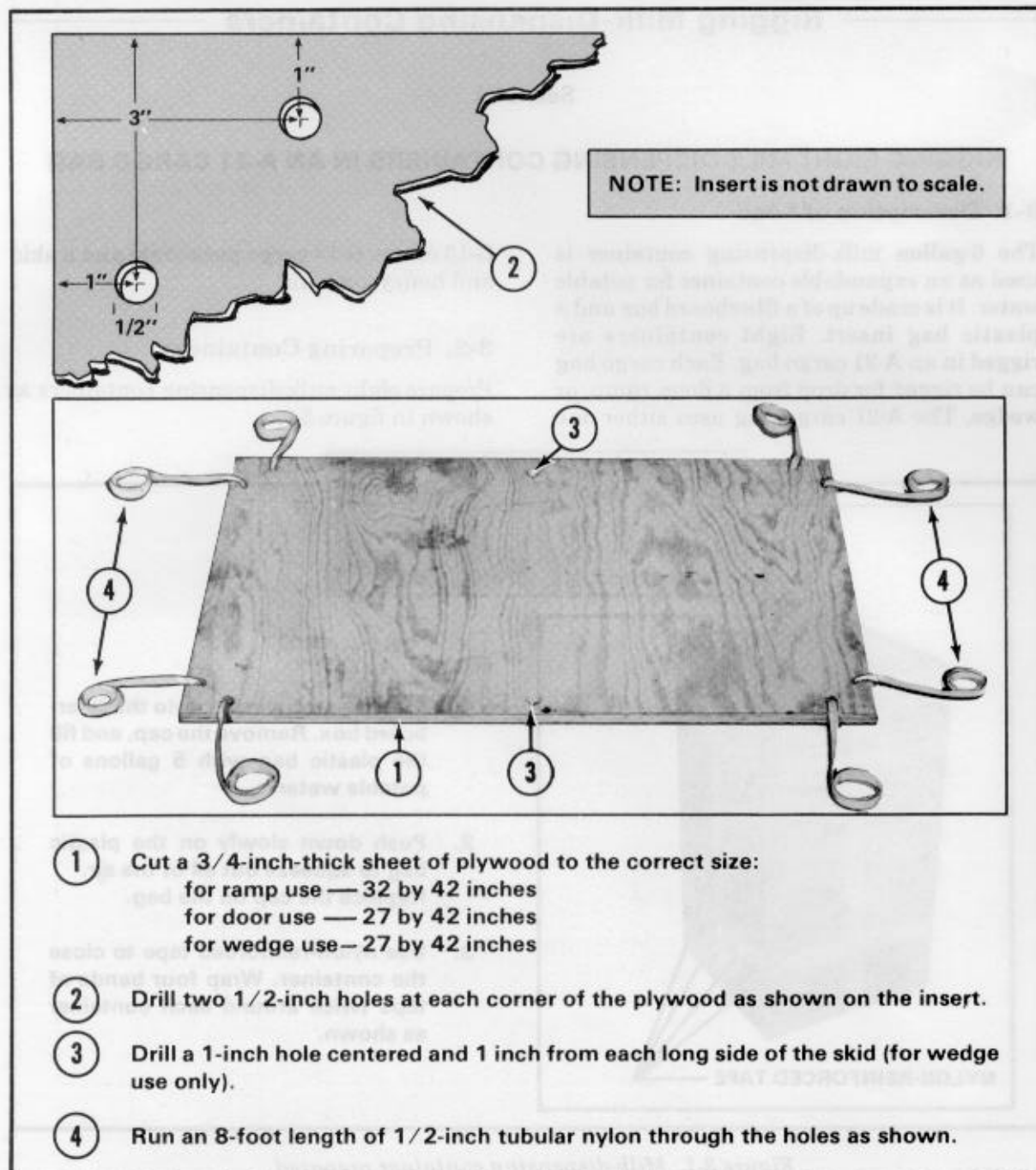
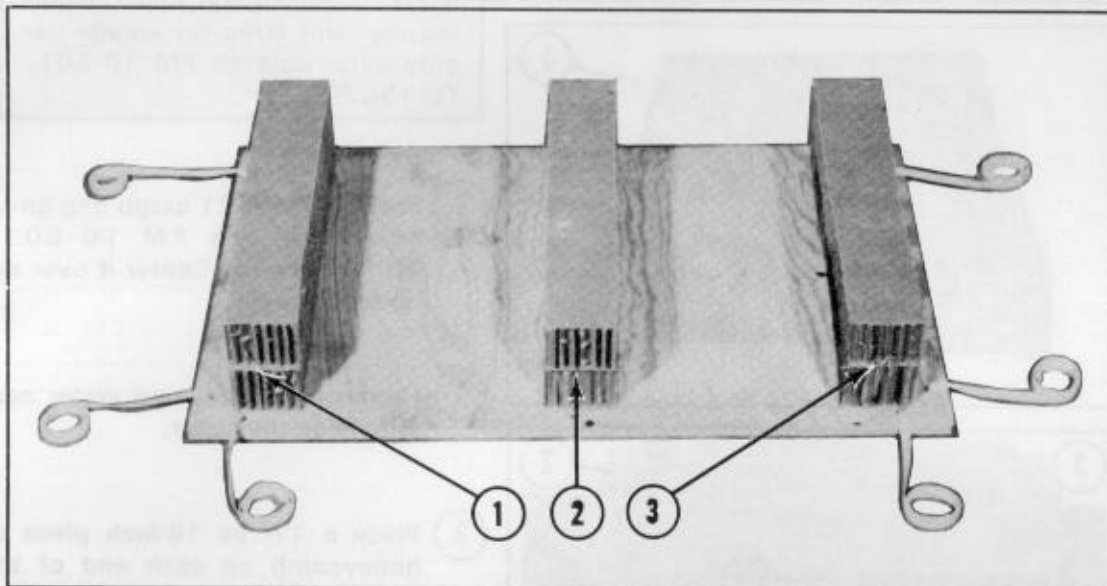
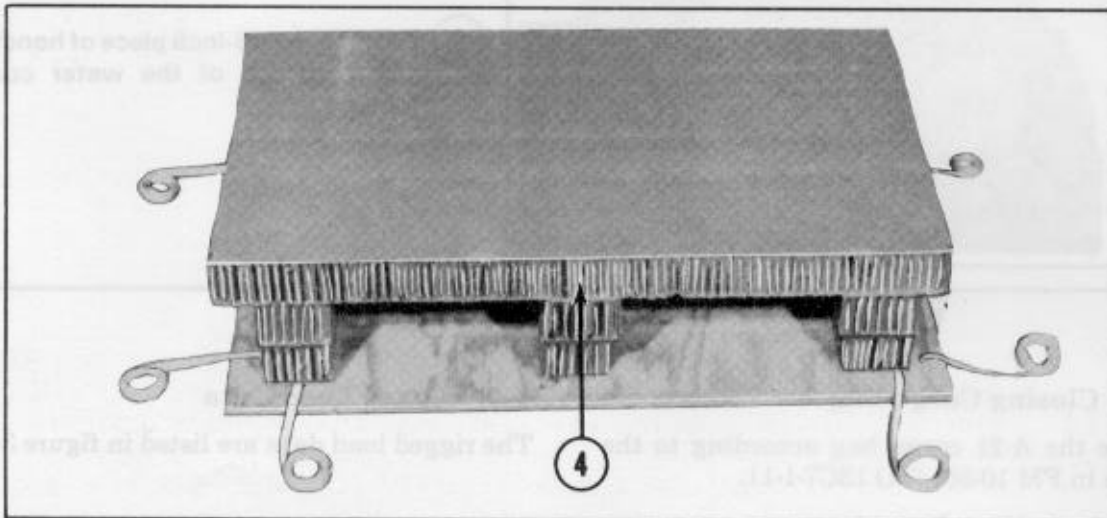


Figure 3-2. Skid prepared.

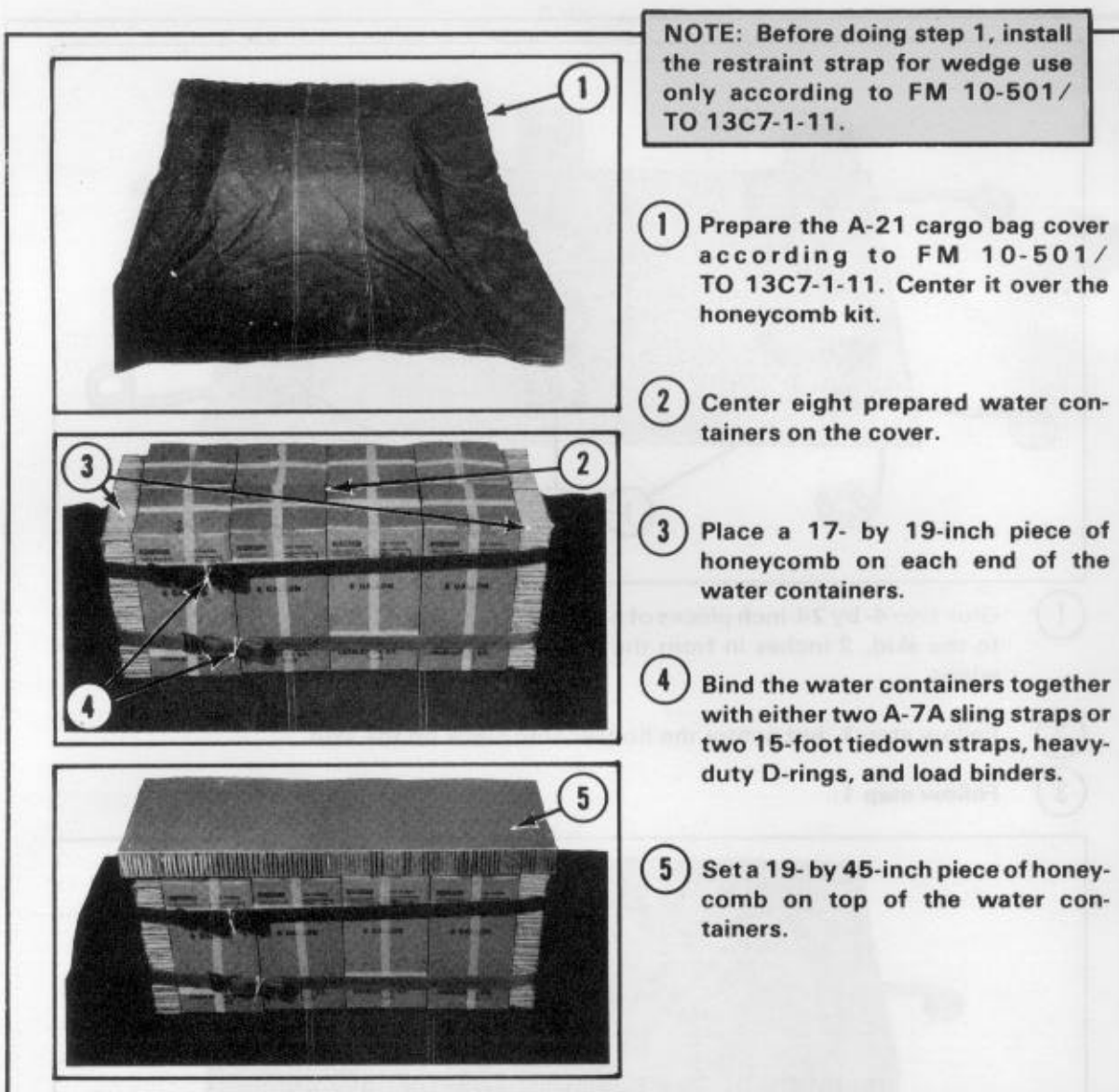


- ① Glue two 4- by 24-inch pieces of honeycomb together. Glue the honeycomb stack to the skid, 2 inches in from the side and centered between the front and rear edges.
- ② Follow step 1, but center the honeycomb stack on the skid.
- ③ Follow step 1.



- ④ Center a 24- by 42-inch piece of honeycomb on the three honeycomb stacks, and glue it.

Figure 3-3. Honeycomb stacks built and placed.



*Figure 3-4. Water containers placed and bound.*

### 3-4. Closing Cargo Bag

Close the A-21 cargo bag according to the steps in FM 10-501/TO 13C7-1-11.

### 3-5. Installing Parachute

Prepare and stow either one G-13 or G-14 cargo parachute according to FM 10-501/TO 13C7-1-11.

### 3-6. Rigged Load Data

The rigged load data are listed in figure 3-5.

### 3-7. Equipment Required

The equipment needed to prepare and rig the water containers is listed in table 3-1.

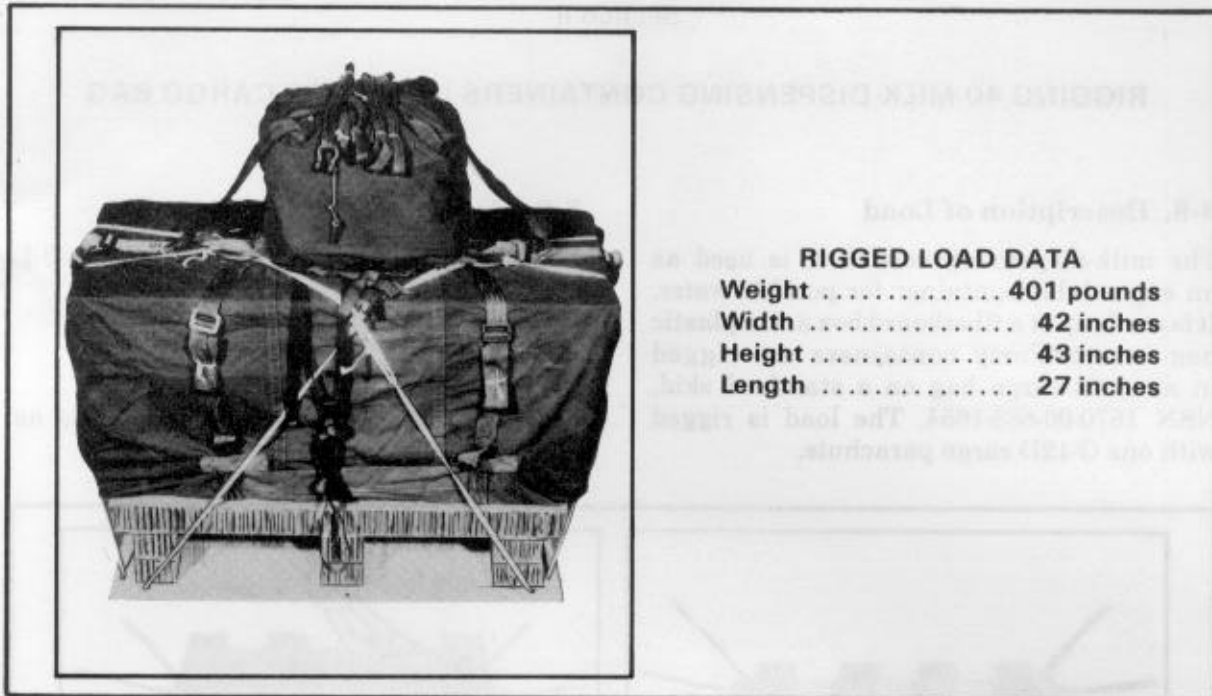


Figure 3-5. Milk-dispensing containers rigged in A-21 cargo bag for low-velocity airdrop.

Table 3-1. Equipment required

National Stock Number	Item	Quantity
8040-00-273-8713	Adhesive, paste, 1-gal	As required
1670-00-242-9173	Bag, cargo, type A-21	1
1670-00-753-3928	Pad, energy-dissipating, honeycomb, 3- by 36- by 96-in:	2 sheets
	4- by 24-in	(6)
	17- by 19-in	(2)
	19- by 45-in	(1)
	24- by 42-in	(1)
1670-00-984-3535	Parachute, cargo, G-13 or	1
1670-00-999-2658	Parachute, cargo, G-14	1
5530-00-128-4981	Plywood, 3/4- by:	
	27- by 42-in or	1
	32- by 42-in	1
1670-00-251-1153	Sling, cargo, airdrop, type A-7A	1
	Tape:	
7510-00-266-5016	Adhesive, 2-in	As required
7510-00-582-4772	Filament, reinforced, 1-in	As required
1670-00-937-0271	Tiedown assembly	2
8305-00-268-2411	Webbing, cotton, 80-lb	As required
8305-00-082-5752	Webbing, nylon, tubular, 1/2-in	As required



## Section II

**RIGGING 40 MILK-DISPENSING CONTAINERS IN AN A-22 CARGO BAG****3-8. Description of Load**

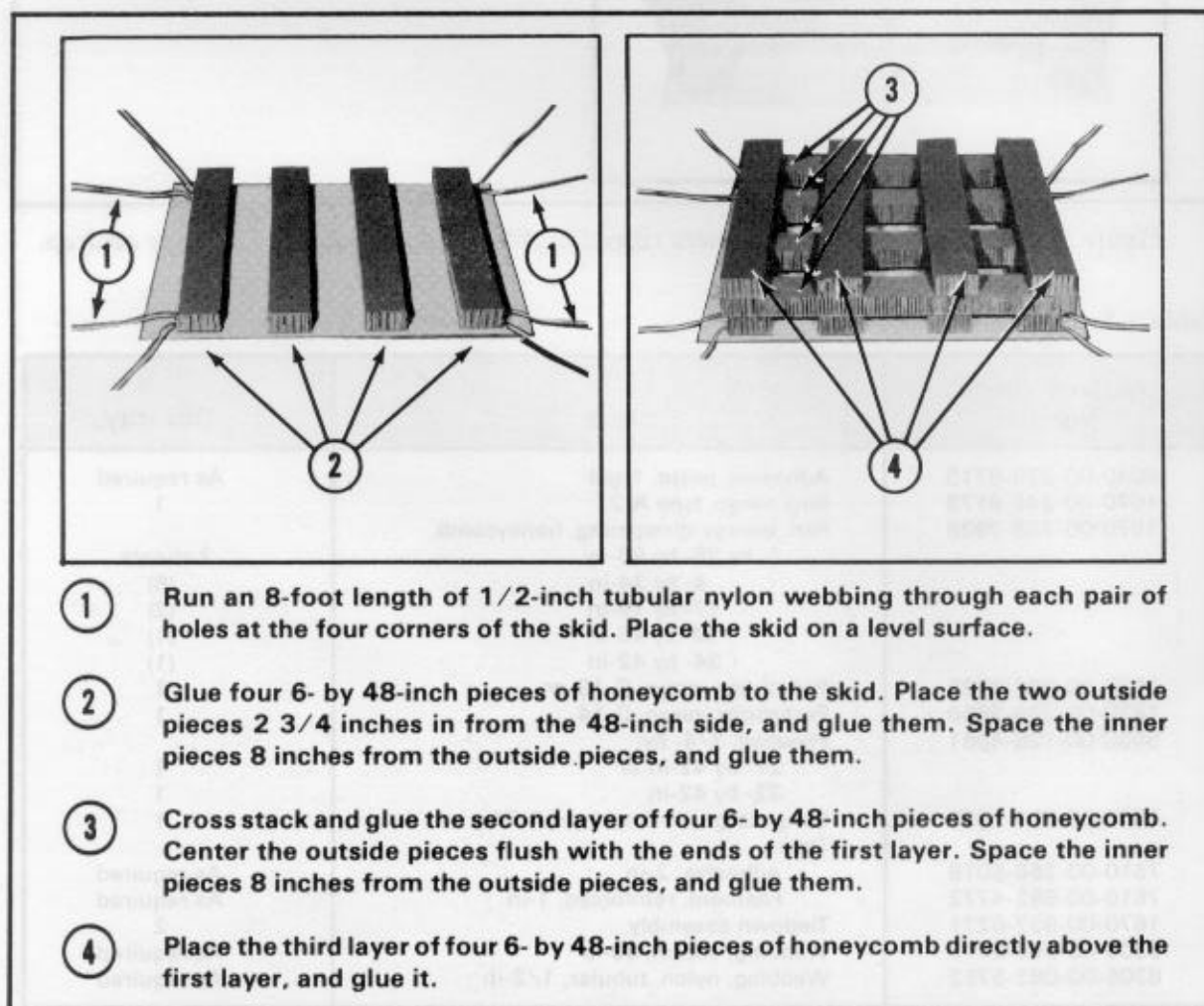
The milk-dispensing container is used as an expendable container for potable water. It is made up of a fiberboard box and a plastic bag insert. Forty containers are rigged in an A-22 cargo bag on a standard skid, NSN 1670-00-883-1654. The load is rigged with one G-12D cargo parachute.

**3-9. Preparing Containers**

Prepare 40 containers as shown in figure 3-1.

**3-10. Rigging Load**

Rig 40 containers in an A-22 cargo bag as shown in figures 3-6 through 3-8.



*Figure 3-6. Skid prepared and honeycomb stacks placed.*

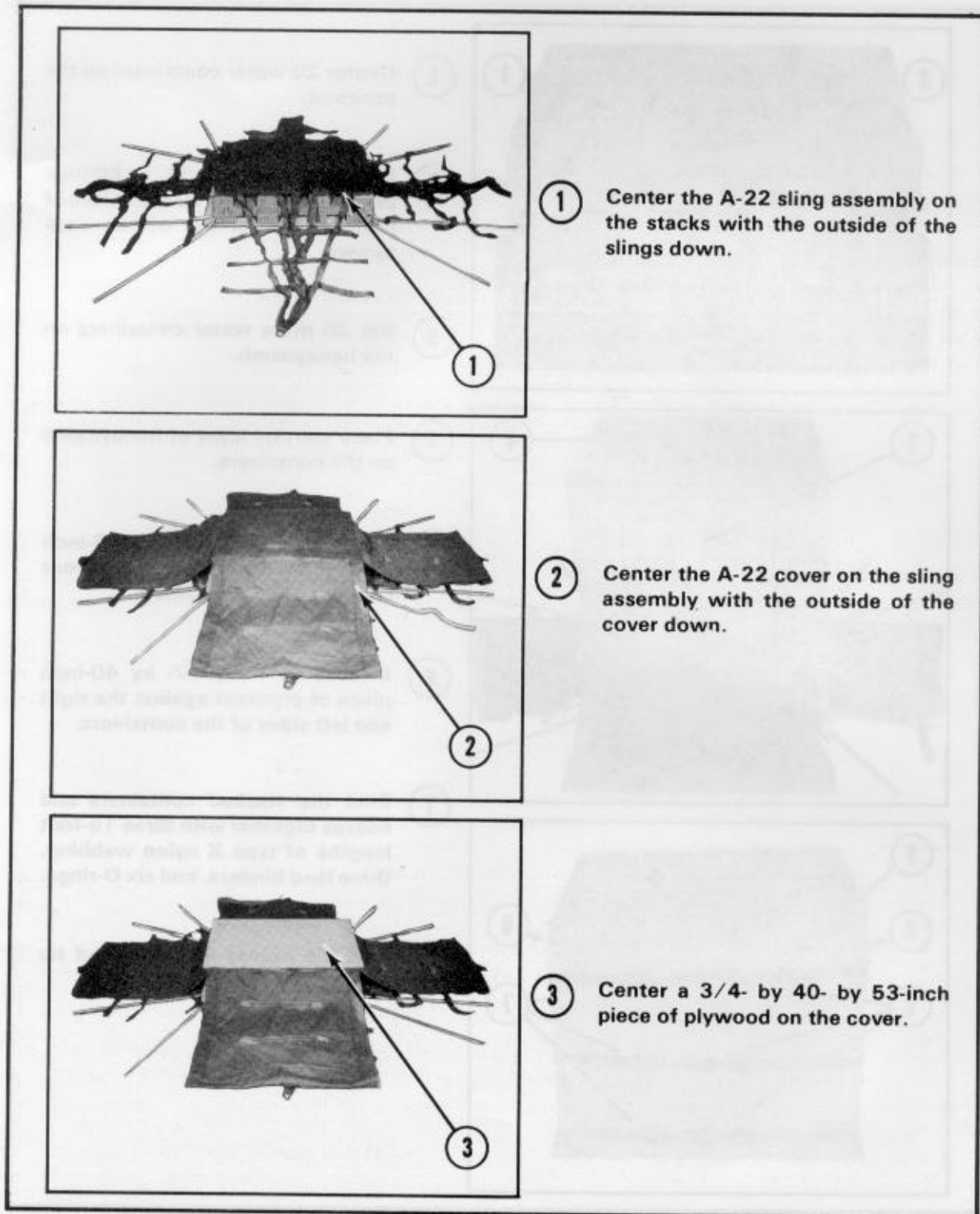


Figure 3-7. Cargo bag and plywood placed.

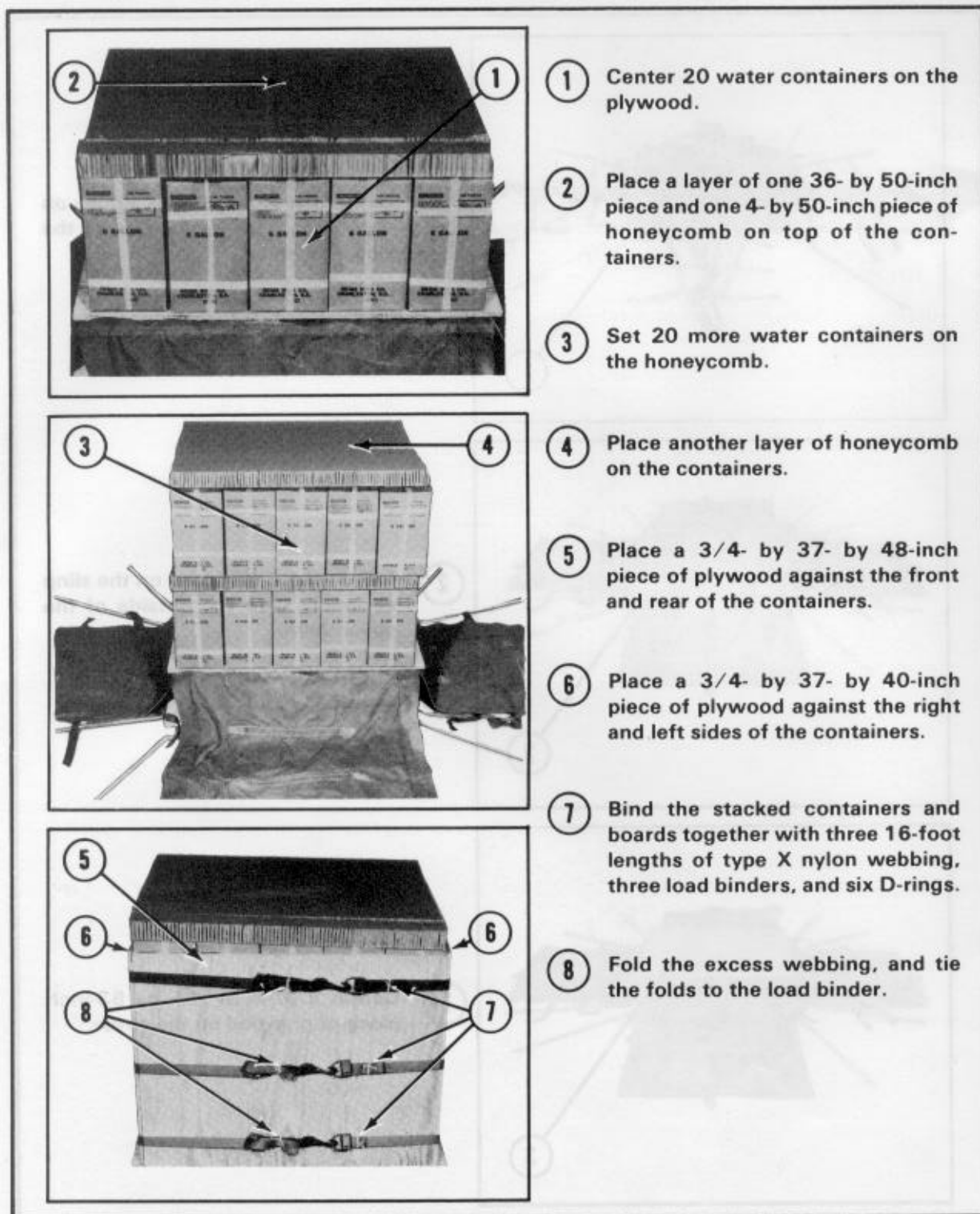


Figure 3-8. Water containers placed and bound.



**3-11. Closing Cargo Bag**

Close the A-22 cargo bag according to the steps in FM 10-501/TO 13C7-1-11.

**3-12. Installing Parachute**

Prepare and stow one G-12D cargo parachute with a 68-inch pilot parachute according to FM 10-501/TO 13C7-1-11.

**3-13. Rigged Load Data**

The rigged load data are listed in figure 3-9.



*Figure 3-9. Milk-dispensing containers rigged in A-22 cargo bag for low-velocity airdrop.*

**3-14. Equipment Required**

The equipment needed to prepare and rig the water containers is listed in table 3-2.

**Table 3-2. Equipment required**

National Stock Number	Item	Quantity
8040-00-273-8713	Adhesive, paste, 1-gal	As required
1670-00-587-3421	Bag, cargo, airdrop, type A-22	1
1670-00-937-0272	Binder, load, 10,000-lb-cap	3
4020-00-240-2146	Cord, nylon, type III, 550-lb	As required
5365-00-937-0147	D-ring, heavy-duty	6
1670-00-753-3928	Pad, energy-dissipating, honeycomb, 3- by 36- by 96-in:	5 sheets
	4- by 40-in	(2)
	6- by 48-in	(12)
	36- by 50-in	(2)
1670-00-216-7297	Parachute, pilot, 68-in diam	1
1670-00-893-2371	Parachute, cargo, 64-ft, G-12D	1
5530-00-128-4981	Plywood, 3/4- by:	
	37- by 40-in	2
	37- by 48-in	2
	40- by 53-in	1
1670-00-883-1654	Skid, cargo bag, platform	1
	Tape:	
7510-00-266-5016	Adhesive, 2-in	As required
7510-00-582-4772	Filament, reinforced, 1-in	As required
	Webbing:	
8305-00-268-2411	Cotton, 80-lb	As required
8305-00-082-5752	Nylon, tubular, 1/2-in	As required
8305-00-260-6890	Nylon, type X, 16-ft	3